

AYLESBURY URBAN SANITARY DISTRICT.

TWENTY-FIRST ANNUAL REPORT OF THE MEDICAL  
OFFICER OF HEALTH FOR 1901.

|                                   |       |
|-----------------------------------|-------|
| Population last Census .....      | 9,244 |
| Estimated to middle of 1901 ..... | 9,260 |

The returns of Births and Deaths are as follows :—

|                        | M.  |     | F. |     | Total. | Annual rate per<br>1,000 living. |
|------------------------|-----|-----|----|-----|--------|----------------------------------|
| Births .....           | 114 | ... | 88 | ... | 202    | or 21·814                        |
| Deaths .....           | 77  | ... | 71 | ... | 148    | or 15·982                        |
| Excess of Births ..... | 37  | ... | 17 | ... | 54     | or 5·832                         |

|                                |    |       | Belonging to<br>Aylesbury. |       | Extra<br>Parochial. |
|--------------------------------|----|-------|----------------------------|-------|---------------------|
| Deaths in Union Hospital ..... | 18 | ..... | 10                         | ..... | 8                   |
| „ Royal Bucks Hospital .....   | 12 | ..... | 4                          | ..... | 8                   |
| „ H.M. Convict Prison .....    | 2  | ..... | ...                        | ..... | 2                   |
| „ Visitors in the Town .....   | 2  | ..... | ...                        | ..... | 2                   |
|                                | 34 | ..... | 14                         | ..... | 20                  |

Reducing the number of Deaths from 148 or 15·982  
to 128 or 13·8229.

- The Births are 4 less than last year.  
„ Deaths are 6 more in the gross return.  
„ „ 7 „ as corrected.  
„ Births are 26 below average of previous 10 years.  
„ Deaths are 6·7 less than average.

I append Tables of Births and Deaths for this and the previous 10 years. In this Table the extra-parochial Deaths are deducted, showing corrected Death-rate; all those that follow are calculated from gross Death-rate as returned by registrar.

There is an excess of Male Births over Females of 26; an excess of Male Deaths of 6. Excess of Births over Deaths 54.

|                                  | Per 1,000. |                        | Per 1000 living. |
|----------------------------------|------------|------------------------|------------------|
| 1891 Births, 253 or 28·375 ..... |            | Deaths, 151 or 17·823  |                  |
| 1892 „ 252 „ 27·885 .....        |            | „ 143 „ 15·823         |                  |
| 1893 „ 232 „ 25·2283 .....       |            | „ 129 „ 14·0278        |                  |
| 1894 „ 214 „ 22·9909 .....       |            | „ 121 „ 13·0004        |                  |
| 1895 „ 210 „ 22·2929 .....       |            | „ 120 „ 12·739         |                  |
| 1896 „ 225 „ 23·6005 .....       |            | „ 121 „ 12·694         |                  |
| 1897 „ 254 „ 26·4205 .....       |            | „ 131 „ 13·5834        |                  |
| 1898 „ 210 „ 21·5252 .....       |            | „ 106 „ 10·8651        |                  |
| 1899 „ 221 „ 22·3955 .....       |            | „ 151 „ 15·3019        |                  |
| 1900 „ 208 „ 22·866 .....        |            | „ 121 „ 12·42          |                  |
| 1901 „ 202 „ 21·814 .....        |            | „ 128 „ 13·8229        |                  |
| Average 227·9 „ 22·845 .....     |            | Average 129·4 „ 13·666 |                  |

As regards sex, Births and Deaths for this and previous 10 years are :—

BIRTHS.

|       | 1901. | 1900. | 1899. | 1898. | 1897. | 1896. | 1895. | 1894. | 1893. | 1892. | 1891. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| M.    | 114   | 119   | 112   | 103   | 122   | 120   | 96    | 114   | 118   | 139   | 124   |
| F.    | 88    | 89    | 109   | 107   | 132   | 105   | 114   | 100   | 114   | 113   | 129   |
| Total | 202   | 208   | 221   | 210   | 254   | 225   | 210   | 214   | 232   | 252   | 253   |



## DEATHS.

|       | 1901. | 1900. | 1899. | 1898. | 1897. | 1896. | 1895. | 1894. | 1893. | 1892. | 1891. |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| M.    | 77    | 77    | 78    | 69    | 83    | 84    | 65    | 79    | 90    | 86    | 85    |
| F.    | 71    | 65    | 100   | 53    | 79    | 65    | 75    | 62    | 70    | 74    | 90    |
| Total | 148   | 142   | 178   | 122   | 162   | 149   | 140   | 141   | 160   | 160   | 175   |

|                       | 1901. | '00. | '99 | '98. | '97. | '96. | '95. | '94. | '93. | '92. |
|-----------------------|-------|------|-----|------|------|------|------|------|------|------|
| Excess of Male Births | 37    | 30   | 3   | ...  | ...  | 15   | ...  | 14   | 4    | 26   |
| „ „ Deaths            | 6     | 12   | ... | 16   | 4    | 19   | ...  | 17   | 20   | 12   |
| „ of Female Births    | ...   | ...  | ... | 4    | 10   | ...  | 18   | ...  | ...  | ...  |
| „ „ Deaths            | ...   | ...  | 22  | ...  | ...  | ...  | 10   | ...  | ...  | ...  |

The Deaths from Zymotic affections were 13 or 1·4037 per 1,000 living: attributed to Membranous Croup 2, Erysipelas 2, Measles 2, Whooping Cough 2, Diarrhœa 2, Rheumatic Fever 1.

Notified under Infectious Diseases Act—47 cases:—Diphtheria 3, Membranous Croup 5, Erysipelas 13, Scarlet Fever 26.

Four Deaths from Diphtheritic affection, and 2 from Erysipelas.

As will be seen by table below, the Zymotic Death-rate is 4·3 below average.—

|                     |                               |
|---------------------|-------------------------------|
| 1891 .....          | 16 or 1·794 per 1,000 living. |
| 1892 .....          | 18 „ 1·9918 „                 |
| 1893 .....          | 18 „ 1·9573 „                 |
| 1894 .....          | 22 „ 2·3628 „                 |
| 1895 .....          | 10 „ 1·0615 „                 |
| 1896 .....          | 27 „ 2·8346 „                 |
| 1897 .....          | 9 „ ·9342 „                   |
| 1898 .....          | 17 „ 1·741 „                  |
| 1899 .....          | 22 „ 2·229 „                  |
| 1900 .....          | 14 „ 1·5144 „                 |
| 1901 .....          | 13 „ 1·4037 „                 |
| Average of 10 years | 17·3 „ 1·8583 „               |

Table of Cause of Death from principal Zymotic Diseases for this and previous 10 years:—

|                        | 1901. | '00. | '99. | '98. | '97. | '96. | '95. | '94. | '93. | '92. | '91. | Average |
|------------------------|-------|------|------|------|------|------|------|------|------|------|------|---------|
| Measles .....          | 2     | 1    | 0    | 4    | 0    | 14   | 0    | 0    | 1    | 11   | 0    | 3·1     |
| Diphtheria .....       | 0     | 2    | 3    | 3    | 0    | 0    | 0    | 1    | 5    | 0    | 0    | 1·4     |
| Membranous Croup ..... | 4     | 0    | 0    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 1    | 0·4     |
| Whooping Cough .....   | 2     | 2    | 1    | 0    | 0    | 3    | 0    | 14   | 0    | 0    | 4    | 2·4     |
| Diarrhœa and Dysentery | 2     | 6    | 16   | 7    | 6    | 3    | 3    | 2    | 7    | 2    | 2    | 5·4     |
| Erysipelas .....       | 2     | 0    | 1    | 1    | 0    | 0    | 5    | 0    | 0    | 1    | 0    | 0·8     |
| Rheumatic Fever .....  | 1     | 2    | 0    | 0    | 1    | 5    | 1    | 1    | 1    | 0    | 0    | 1·1     |
| Enteric Fever .....    | 0     | 0    | 1    | 1    | 1    | 1    | 0    | 0    | 0    | 0    | 0    | 0·4     |
| Puerperal Fever .....  | 0     | 1    | 1    | 0    | 0    | 0    | 1    | 0    | 1    | 0    | 0    | 0·4     |
| Scarlet Fever.....     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    | 0    | 2    | 0·4     |
| Pyæmia .....           | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0·      |
| Influenza .....        | ..    | 0    | 0    | 0    | 0    | 0    | 0    | 3    | 2    | 4    | 7    | 1·6     |

The cases of membranous croup were diphtheria and have usually been returned under that heading, but the practitioner in attendance on these cases has returned them under this nomenclature.



Table of Deaths from pneumonia, pleurisy, and bronchitis for this and previous 10 years :—

|            |                                       |
|------------|---------------------------------------|
| 1891 ..... | 30 or 3·363 per 1,000 living.         |
| 1892 ..... | 31 „ 3·430 „                          |
| 1893 ..... | 25 „ 2·718 „                          |
| 1894 ..... | 35 „ 3·762 „                          |
| 1895 ..... | 25 „ 2·759 „                          |
| 1896 ..... | 19 „ 1·993 „                          |
| 1897 ..... | 28 „ 2·801 „                          |
| 1898 ..... | 19 „ 1·948 „                          |
| 1899 ..... | 31 „ 3·141 population over estimated. |
| 1900 ..... | 31 „ 3·353 corrected to last census.  |
| 1901 ..... | 31 „ 3·347 „ „                        |

Deaths at different ages for this and previous 10 years :—

|                   | 1901. | '00. | '99. | '98. | '97. | '96. | '95. | '94. | '93. | '92. | '91.  | Aver.      |
|-------------------|-------|------|------|------|------|------|------|------|------|------|-------|------------|
| Under 1 year...   | 23    | 23   | 40   | 22   | 28   | 34   | 19   | 39   | 26   | 32   | 34... | 29·7       |
| 1 and under 5...  | 18    | 7    | 6    | 16   | 9    | 15   | 5    | 14   | 16   | 15   | 11... | 11·4       |
| 5 „               | 15... | 3    | 3    | 14   | 5    | 6    | 6    | 1    | 5    | 12   | 6     | 5... 6·3   |
| 15 „              | 25... | 5    | 4    | 2    | 5    | 13   | 16   | 8    | 7    | 4    | 10    | 11... 8·0  |
| 25 „              | 65... | 44   | 47   | 40   | 31   | 50   | 39   | 50   | 38   | 49   | 39    | 37... 42·0 |
| 65 and upwards... | 55    | 58   | 69   | 43   | 56   | 39   | 57   | 38   | 53   | 58   | 77... | 54·8       |
|                   | —     | —    | —    | —    | —    | —    | —    | —    | —    | —    | —     | —          |
|                   | 148   | 142  | 178  | 122  | 162  | 149  | 140  | 141  | 160  | 160  | 175   | 152·9      |

Under 1 year: 23 Deaths, the same as last year, and 6·7 under average—9 deaths attributed to premature birth and deficient vitality at birth, 3 to malformation congenital, 2 marasmus, 2 whooping cough, 3 bronchitis, 3 diarrhoea and enteritis, 1 convulsions. One and under five years: 18 Deaths, 11 more than last year, 6·4 above average, due to bronchitis 8, measles 1, membranous croup 3, convulsions and dentition 2, cardiac 1, gastro-enteritis 1, cerebral meningitis 2, an unusually heavy mortality at this age. Five to fifteen years: The same as last year, 3·3 below average, due to membranous croup (tracheotomy) 1, lithotomy 1, bronchitis 1. Fifteen to twenty-five: 5 Deaths, average of 10 years 8, due to nephritis 2, phthisis 1, bronchitis 2. Twenty-five to sixty-five: 44 Deaths, 2 above average, 3 less than last year, due to bronchitis 4, rheumatic pericarditis 1, cancer 8, cardiac affections 5, paralysis and apoplexy 7, phthisis 10; inquests 2—1 death from natural causes, 1 from fall; cirrhosis (alcoholic) 1, erysipelas 2, placenta prævia 1, nephritis 2, cerebral abscess 1. Sixty-five and upwards: 55 deaths, 3 less than last year, 4 more than average, are attributed to bronchitis 12, cancer 3, cardiac affections 7, paralysis 9, senility 16, phthisis 1, nephritis 1, enteritis 2; inquests 4—suicide 1, burn 1, fall 1, natural causes 1.

The following table gives Deaths for this and previous 10 years at ages of :—

|                | 1901. | '00. | '99. | '98. | '97. | '96. | '95. | '94. | '93. | '92. | '91.    | Average. |
|----------------|-------|------|------|------|------|------|------|------|------|------|---------|----------|
| 60 to 70 ..... | 20    | 23   | 21   | 7    | 20   | 12   | 19   | 18   | 17   | 18   | 15..... | 17·      |
| 70 to 80 ..... | 24    | 18   | 35   | 21   | 23   | 22   | 31   | 16   | 23   | 26   | 40..... | 25·5     |
| 80 and upwards | 18    | 25   | 20   | 11   | 22   | 9    | 20   | 9    | 13   | 14   | 22..... | 16·5     |
|                | —     | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | —        |
|                | 62    | 66   | 76   | 39   | 65   | 43   | 70   | 43   | 53   | 58   | 77      | 59·      |





Twenty-six were Males, and 36 Females ; last year thirty-nine were Males and 27 Females. None exceed 90 years.

|                      | M. |     | F. |     | Total. |       | Average. |
|----------------------|----|-----|----|-----|--------|-------|----------|
| Between 60 and 70... | 9  | ... | 10 | ... | 19     | ..... | 17·      |
| „ 70 „ 80...         | 9  | ... | 16 | ... | 25     | ..... | 25·5     |
| „ 80 „ 90...         | 8  | ... | 10 | ... | 18     | ..... | 16·5     |
|                      | —  |     | —  |     | —      |       | —        |
|                      | 26 |     | 36 |     | 62     |       | 59·      |

The Death-rate is 3 above average. Five out of previous 10 years have been less, and 5 have exceeded this year; the first would present an average of 57·2, the latter 70·8.

Of those born (202), 114 Males and 88 Females, there died within the year 17—9 Males and 8 Females, or 8·415 per cent. of Births, slightly in excess of last year, but less than average, which is 9·7815. I append table for last 10 years :—

|                     |       |                            |
|---------------------|-------|----------------------------|
| 1901.....           | 17 or | 8·415 per cent. of Births. |
| 1900.....           | 16 „  | 7·69 „                     |
| 1899.....           | 32 „  | 14·479 „                   |
| 1898.....           | 13 „  | 6·19 „                     |
| 1897.....           | 23 „  | 11·1 „                     |
| 1896.....           | 20 „  | 8·888 „                    |
| 1895.....           | 14 „  | 6·666 „                    |
| 1894.....           | 24 „  | 11·30 „                    |
| 1893.....           | 21 „  | 9·515 „                    |
| 1892.....           | 25 „  | 9·92 „                     |
| 1891.....           | 28 „  | 11·067 „                   |
| Average of 10 years | 20·6  | 9·781                      |

The Births and Deaths in the several quarters of the year are as follows :—

|             | BIRTHS. |    |        |                   | DEATHS. |    |        |                   |
|-------------|---------|----|--------|-------------------|---------|----|--------|-------------------|
|             | M.      | F. | Total. | Per 1,000 living. | M.      | F. | Total. | Per 1,000 living. |
| 1st Quarter | 25      | 17 | 42 or  | 16·6508.....      | 18      | 33 | 51 or  | 20·2140           |
| 2nd „       | 28      | 26 | 54 „   | 23·7992.....      | 23      | 15 | 38 „   | 16 443            |
| 3rd „       | 32      | 24 | 56 „   | 24·2319.....      | 15      | 7  | 22 „   | 9·318             |
| 4th „       | 29      | 21 | 50 „   | 21·722 .....      | 21      | 16 | 37 „   | 16·0103           |

The 3rd quarter has the highest Birth-rate and lowest Death-rate, the corrected rate for that quarter being 8·222 ; last year it was as low as 4·809. In the 1st quarter, Deaths exceeded Births by 9. In the other 3 quarters, Births exceeded Deaths by 16, 34, and 13 respectively, giving 54 excess of Births per year.

#### GENERAL REMARKS.

Under Infectious Diseases Notification Act, which has been in force since February, 1890, 47 cases have been notified. I append table for this and previous 10 years :—

|                   | 1901. | '00. | '99. | '98. | '97. | '96. | '95. | '94. | '93. | '92. | '91. | Average. |
|-------------------|-------|------|------|------|------|------|------|------|------|------|------|----------|
| Typhoid .....     | 0     | 2    | 2    | 1    | 5    | 3    | 5    | 2    | 4    | 2    | 2    | 2·8      |
| Puerperal .....   | 0     | 2    | 1    | 1    | 0    | 0    | 4    | 0    | 1    | 1    | 1    | 1·1      |
| Erysipelas .....  | 13    | 8    | 7    | 7    | 2    | 3    | 8    | 15   | 10   | 12   | 5    | 7·7      |
| Scarlet Fever ... | 26    | 52   | 4    | 4    | 20   | 9    | 14   | 45   | 165  | 4    | 7    | 32·4     |
| Small Pox .....   | 0     | 0    | 0    | 0    | 0    | 2    | 3    | 0    | 3    | 0    | 0    | ·8       |
| Cholera .....     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | ·1       |
| Diphtheria .....  | 8     | 7    | 19   | 21   | 0    | 1    | 1    | 6    | 7    | 0    | 2    | 6·5      |
|                   | —     | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —        |
|                   | 47    | 71   | 33   | 34   | 27   | 18   | 35   | 68   | 191  | 19   | 18   | 51·2     |





Two Deaths are attributed to erysipelas—one a brewer's man at 63, acute phlegmonous of the leg ; the second was returned as septic pharyngitis, and seemed to have occurred after cleaning out an obstructed closet drain.

No fatality from scarlet fever. Infection not traceable from one to another.

Diphtheria.—One death, January, infant.

One from membranous croup ; March, 1 brought to Infirmary for tracheotomy and died after operation ; April, 2 membranous croup, æt 2 and 4, died asphyxiation ; all in different families.

Diarrhœa.—Two Deaths attributed to this were returned as enteritis—1 to diarrhœa at 4 months, the other at 10 months to acute gastro-enteritis.

Measles.—Two Deaths attributed to this. One of these had measles first, then scarlet fever, meningitis followed, resulting in hemiplegia and death, at 4. The other case followed on cardiac hypertrophy, and bronchitis followed. St. John's Infant Schools were closed on account of the prevalence of measles and whooping cough in this district from February 1st for a month.

Influenza has been returned as a complication in 6 or 7 death certificates, but no death primarily attributed to it.

#### INFECTIOUS DISEASES HOSPITAL.

One patient suffering from scarlet fever admitted in June. This is in *statu quo* ; nothing has been done to make it more available for use. I have nothing to add to my report of last year. If the Local Government Board have not the power to enforce the provision of a suitable Hospital, either by the Urban District Council or by forming a Sanitary District, or combination with Rural Sanitary Authority, the matter will remain in abeyance.

Slaughter houses have been visited and found generally fairly kept, though sufficient attention is not given to the cleansing of the walls and providing proper vessels (non-absorbent) for removing refuse.

There being no provision of a knacker's yard, people send to licensed premises animals to be dressed, which renders the person holding the premises reponsible for anything found thereon not fit for human food.

The Bakehouses have been visited, and found generally kept as well as the defective construction of the old places with the stoke hole, coal, and ashes in the bakehouse will allow. The Co-operative Stores have a model bakery attached, and one or two others have been erected on improved plans.

Lodging houses have been inspected, and found clean and respectably conducted. Some extra beds have not been removed out of the chambers to meet the requirements of the new regulations as to cubic space per bed.



Dairies and Cowsheds.—Dairies are registered, but no provision is made for due inspection of these and cowsheds.

Elementary Schools have been visited, and the attention of the managers called to any matter requiring seeing to.

St. John's Schools (Infant) were closed in the spring on account of measles, whooping cough, and scarlet fever in the district. It was not necessary to close the other department or the Schools in other parts of the town.

Disinfecting Chamber not provided.

Scavenging seems to have been regularly attended to, and no complaints made.

The Flushing of Sewers.—In places the ventilating shafts have been complained of, and the nuisances attempted to be relieved by the heightening of shafts and the adoption of archimedian cowl.

I am still of the opinion that more frequent flushing and cleansing of the sewers and provision of flushing cisterns to all the w.c.'s are necessary to do away with the evil.

The condition of the Canal has been materially better than last year, though the effluent has been only partially dealt with, and fluid returned into the Canal has at times been dangerously charged with milk refuse. The Anglo-Swiss Condensed Milk Co. have been to a considerable expense to remedy the nuisance and have in process of creation apparatus for catching all milk effluent and preventing any product going off with the cooling water returned into the Canal. The condensed steam from the milk will be discharged into the sewer at a temperature not exceeding the standard, 110° F., and of a quality similar to a sample submitted to Messrs. Dibdin and Thudichum for analysis, as being the product proposed to be introduced into the sewer. It was thought necessary to obtain their opinion as to whether 5,000 gallons a day of this liquid would interfere with the bacteriological treatment of our sewage. They expressed themselves as quite satisfied that we might safely admit it, thus corroborating the opinion of our County Analyst, Mr. Fisher, who, when analysing the Canal water in 1900, advised that the effluent should be diverted from the Canal and taken into the sewer.

#### ROYAL BUCKS HOSPITAL.

I am indebted to the House Surgeon, C. Francis-Williams, Esq., for kindly furnishing me with the following report :—

The number of patients treated at the institution during the year was 257 in-patients, 1,770 out-patients.



There were 27 patients in the house on January 1st, 1901.

|     |                                |
|-----|--------------------------------|
| 23  | January 1st, 1902.             |
| 237 | were admitted during the year. |
| 126 | discharged cured.              |
| 73  | relieved.                      |
| 19  | in <i>statu quo</i> .          |
| 2   | at their own request.          |
| 2   | expelled.                      |
| 12  | died.                          |

There were 265 out-patients on the books on Jan. 1st, 1901.

211 Jan. 1st, 1902.

During the year 1,770 patients were treated in the out-patient department, and of these 1,559 were discharged.

During the year one patient, shortly after admission, developed scarlet fever. She was promptly isolated and precautions taken, no other case occurring.

Of the 12 Deaths which occurred during the year in the Hospital 6 were from neighbouring districts and 6 from Aylesbury.

The causes of Death were—3 as the result of accidents, inquests being held in all three cases. One, a boy aged 7, was severely injured by a cart passing over his head, a portion of the scalp and face being torn away; he did exceedingly well for a time, but eventually succumbed to tetanus, about a fortnight after admission. At the *post-mortem* no suppuration was found inside the skull. Of the other two, 1 was the result of head injuries in a man, the other was a woman aged 77, who was severely burnt. Two Deaths were from bronchitis and heart disease, and 1 from heart disease alone, 1 from cerebral abscess and 1 from cerebral apoplexy, 2 from cancer, 1 from membranous croup, and 1 from secondary hæmorrhage, the result of spinal caries, the femoral artery giving way, the abscess having presented in the groin.

A *post-mortem* was also made in the case of cerebral abscess. It was found in the frontal lobe and had burst on to the base of the brain.

The following is a summary of the cases treated during the year :—

- 249 dental cases.
- 195 casualties. Of these 25 were admitted. There were also 24 fractures—15 treated as in-patients and 9 as out-patients.
- 123 general debility.
- 120 renewal of tickets.
- 155 alimentary tract, chiefly dyspepsia, and 25 abdominal, gastric ulcers, and tumours.
- 66 skin.
- 68 anæmia, 8 chlorosis.
- 60 bronchial and lung affections, also 3 cases of whooping cough and 1 of croup.





|    |  |
|----|--|
| 32 | phthisis, 8 strumous affections, glands, joints, &c. |
| 40 | rheumatic affections.                                |
| 17 | heart cases.   |
| 25 | genito-urinary.                                      |
| 35 | diseases peculiar to women, mostly uterine.          |
| 47 | varicose veins, ulcers, &c.                          |
| 30 | ruptures, instruments supplied, &c.                  |
| 41 | nervous, neuralgia, &c.                              |
| 16 | chorea.  |
| 9  | epilepsy.  |
| 23 | deformities, including 10 phimoses.                  |
| 8  | spinal.  |
| 5  | goitre.  |
| 6  | inflamed joint and bursæ.                            |
| 28 | new growths, 4 cancerous.                            |
| 12 | rickets.   |
| 21 | abscesses.   |
| 29 | throat, nose, and mouth.                             |
| 11 | aural.   |
| 56 | ophthalmic.  |
| 4  | diabetes.  |
| 6  | liver.   |
| 3  | syphilis.  |
| 5  | cystic swellings.                                    |
| 7  | intestinal worms.                                    |

## UNION WORKHOUSE.

The total number of Inmates in Workhouse:—

|                          | Children. | M.     | F.     | Total. |
|--------------------------|-----------|--------|--------|--------|
| January 1st, 1901.....   | 17 ...    | 45 ... | 29 ... | 91     |
| December 31st, 1901..... | 17 ...    | 41 ... | 30 ... | 88     |
| Average weekly.....      |           |        |        | 85     |

Belonging to Urban District, 37 ; Rural, 48.

|   | M.     | F.     | Total. |
|---|--------|--------|--------|
| Number of Inmates in Infirmary, Jan. 1st, 1901... | 11 ... | 11 ... | 22     |
| „ „ „ Dec. 31st, 1901                             | 27 ... | 15 ... | 42     |
| Admitted during year .....                        |        |        | 148    |
| Discharged.....                                   |        |        | 147    |
| Births.....                                       |        |        | 4      |
| Deaths (14 Males, 4 Females) .....                |        |        | 18     |

Last year 25 Deaths occurred in the House. Eighteen this year are attributed to senility 7 (one of these had gangrene of foot, another dementia), alcoholic cirrhosis 2, heart disease 2, apoplexy and hemiplegia 3, epileptic coma 1, phthisis 1, nephritis 1, thyroid abscess with pemphigus 1.

There were 5 Deaths between 29 and 60 years old.

|     |      |      |   |
|-----|------|------|---|
| „ 3 | „ 60 | „ 70 | „ |
| „ 4 | „ 70 | „ 80 | „ |
| „ 6 | „ 80 | „ 90 | „ |



There has been freedom from puerperal fever and some improvement in the nursing. Forty-two fresh cases admitted during the year—Confinements 4, measles 7 (these cases no doubt contracted from attending St. John's Schools, the disease was prevalent among the infants at the time), paralysis 3, senile decay 4, nephritis 3 (1 case admitted three times, 1 case admitted twice), hip joint 2, debility 1, ulcer of leg 1, sciatica 1, influenza 1, mental 2, neuralgia 1, dyspepsia 4, pemphigus with thyroid abscess 1, diarrhoea 1, cerebral congestion 1, epileptic 1, lumbago 1, heart disease 1, lameness 1.

Two Deaths in H.M. Convict Prison, registered 1 phthisis, 1 paralysis.

Two Deaths occurred among Visitors shortly after their arrival—one aged 39 from septic peritonitis following an acute attack of gravel (? renal), the other at 84 from bronchitis and apoplexy.

Proceedings were taken in two cases against parents for not notifying to the Medical Officer of Health the occurrence of infectious diseases in their family.

One specimen of well water examined and well condemned.

One complaint against a butcher for selling meat which had gone stale investigated.

One carcase of sheep found in a slaughter house, not cut up, but dressed; meat bad colour and sodden. It was brought in to be dressed, having been found by the owner dead and supposed to have broken its neck. The butcher denied ownership or intention of selling it, and despatched it forthwith to owner to boil down for pigs.

I append Report kindly furnished me by Mr. Bradford as to what has been done in regard to Buildings, Sewers, Sewage Works, and other matters coming under his supervision; also Inspector's Report of the Sanitary Work completed in the year 1901, and tables of cases of infectious diseases notified, vital statistics of the whole district, causes of and ages at death as required by the Local Government Board.

As will be seen by reference to tables, the Birth-rate is still diminishing, being the lowest in 10 years; the deaths per year are just average, the slight difference being caused by the estimated increase of population being less than actual.

I am, Gentlemen,

Your obedient Servant,

CHARLES HOOPER,

Medical Officer of Health for  
Aylesbury Urban Sanitary District.



SURVEYOR'S REPORT OF SANITARY WORK FOR THE  
YEAR ENDING DECEMBER 31st, 1901.

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*Surveyor's Offices,  
Town Hall,  
Aylesbury.*

*Sewers.*—Very little Main Sewerage work has been performed during the year. A small extension of 9-inch Pipe Sewer was made in Stoke Road near the Great Western Railway Bridge, and a new 6-inch Ventilating Column, 30 feet high, was erected in the Wendover Road near the "Three Pigeons" Inn. Two Shafts being fitted with patent Archimedean Cows.

The Main Sewers have been frequently flushed, and House Drains have been carefully connected, trapped, and ventilated.

*Water Supply.*—Eighty-eight new Premises have had water laid on from the Chiltern Hills Spring Water Company's Mains.

*Buildings.*—Plans of the following new Buildings and alterations were received and approved:—

|  |    |
|--|----|
| Dwelling Houses.....                       | 54 |
| Shops ... ..                               | 4  |
| Warehouses and Workshops .....             | 6  |
| Stables .....                              | 2  |
| Alterations, Bay Windows, and Additions... | 7  |
| Steam Laundry .....                        | 1  |
| Total.....                                 | 74 |

*Street Work.*—A large area of Denner Hill Paving on Concrete foundation has been performed in the Market Square (between the Clock Tower and the County Hall), also portions near the "Crown" Hotel and at the bottom of Silver Street.

The old Macadam Roadway of Great Western Street from the Market Square to Friarage Road has been taken up and replaced by new Mountsorrel Granite Setts on a 6-inch foundation of Lias Lime Concrete.

Various Footpaths have been re-tarred and repaired, and the Stone Paving to Footpath on Bierton Hill has been extended.

*Public Convenience.*—The difficulty in obtaining a site, referred to in my last year's report, has been overcome, and a new Public Convenience, comprising four stalls and one w.c., in white enamelled ware, has been erected on the S.W. side of the Town Hall Archway at a cost of £140.





*Mill Stream.*—Owing to the action taken by a riparian owner, and to avoid litigation, the Mill Stream was thoroughly cleansed, as directed by the Council, from the Sewage Works Effluent Outfall to Haydon Mill, a distance of about a mile, at an expenditure of £213, including compensation to Tenants.

*Sewage Works.*—The work of converting the Precipitating Tanks into Coarse Burnt Ballast Contact Beds has been carried on during the year and is now completed.

Chemical treatment has been suspended, and good results have been obtained. A reduction in the annual working expenses has thereby been effected, and the quantity of sludge to be dealt with has been proportionately reduced. The old accumulation of sludge has also been removed from the Works by the neighbouring farmers, and the general appearance of the Works is much more satisfactory. Very favourable reports of the Effluent have also been received from time to time from the County Analyst.

J. H. BRADFORD,

Surveyor.



INSPECTOR'S REPORT OF THE SANITARY WORK  
COMPLETED IN THE YEAR 1902.

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|  |     |
|--|-----|
| Number of Complaints received during the year..... | 9   |
| „ Houses & Premises inspected or re-inspected      | 260 |

*Results of Inspections:—*

|   |    |
|---|----|
| Letters, Notices, or Orders issued for Sanitary<br>Amendments of Houses and Premises..... | 40 |
| Houses and Premises Cleaned, Repaired, White-<br>washed, &c. ....                         | 21 |
| Houses Disinfected after illness of an infectious<br>character .....                      | 20 |

*House Drains:—*

|                                       |    |
|---------------------------------------|----|
| Repaired, Cleansed, Trapped, &c. .... | 23 |
| Ventilated .....                      | 22 |

*Water Closets:—*

|                    |    |
|--------------------|----|
| Repaired, &c.....  | 21 |
| New provided ..... | 1  |

*Water Supply:—*

|                                     |    |
|-------------------------------------|----|
| New Cisterns or Taps provided ..... | 88 |
|-------------------------------------|----|

*Miscellaneous:—*

|  |   |
|--|---|
| Number of Lodging Houses registered under 35th<br>section of the Sanitary Act, 1866, or 90th<br>section of the Public Health Act, 1875 ..... | 3 |
| Removal of Accumulations of Dung, Stagnant<br>Water, Animal and other Refuse.....  | 7 |
| Animals Removed, being improperly kept .....   | 4 |

*Regularly Inspected:—*

|                               |    |
|-------------------------------|----|
| Bakehouses .....              | 24 |
| Licensed Slaughterhouses..... | 10 |

CHARLES HOOPER,  
Medical Officer of Health.

